

Parameter	Value	Unit
Initial temperature	25.0	°C
Final temperature	25.0	°C
Initial pressure	1.013	bar
Final pressure	1.013	bar
Initial volume	0.001	m³
Final volume	0.001	m³
Initial mass	0.001	kg
Final mass	0.001	kg
Initial density	1000	kg/m³
Final density	1000	kg/m³
Initial viscosity	0.001	Pa·s
Final viscosity	0.001	Pa·s
Initial thermal conductivity	0.6	W/m·K
Final thermal conductivity	0.6	W/m·K
Initial specific heat capacity	4182	J/kg·K
Final specific heat capacity	4182	J/kg·K
Initial enthalpy	4182	J/kg
Final enthalpy	4182	J/kg
Initial entropy	1.306	J/kg·K
Final entropy	1.306	J/kg·K
Initial internal energy	4182	J/kg
Final internal energy	4182	J/kg
Initial Gibbs free energy	-16.75	kJ/mol
Final Gibbs free energy	-16.75	kJ/mol
Initial Helmholtz free energy	-16.75	kJ/mol
Final Helmholtz free energy	-16.75	kJ/mol
Initial chemical potential	-16.75	kJ/mol
Final chemical potential	-16.75	kJ/mol
Initial activity	1.0	
Final activity	1.0	
Initial fugacity	1.013	bar
Final fugacity	1.013	bar
Initial vapor pressure	0.003	bar
Final vapor pressure	0.003	bar
Initial saturation temperature	100	°C
Final saturation temperature	100	°C
Initial critical temperature	373.95	°C
Final critical temperature	373.95	°C
Initial critical pressure	218.1	bar
Final critical pressure	218.1	bar
Initial critical density	322	kg/m³
Final critical density	322	kg/m³
Initial critical viscosity	0.00023	Pa·s
Final critical viscosity	0.00023	Pa·s
Initial critical thermal conductivity	0.12	W/m·K
Final critical thermal conductivity	0.12	W/m·K
Initial critical specific heat capacity	1889	J/kg·K
Final critical specific heat capacity	1889	J/kg·K
Initial critical enthalpy	4182	J/kg
Final critical enthalpy	4182	J/kg
Initial critical entropy	1.306	J/kg·K
Final critical entropy	1.306	J/kg·K
Initial critical internal energy	4182	J/kg
Final critical internal energy	4182	J/kg
Initial critical Gibbs free energy	-16.75	kJ/mol
Final critical Gibbs free energy	-16.75	kJ/mol
Initial critical Helmholtz free energy	-16.75	kJ/mol
Final critical Helmholtz free energy	-16.75	kJ/mol
Initial critical chemical potential	-16.75	kJ/mol
Final critical chemical potential	-16.75	kJ/mol
Initial critical activity	1.0	
Final critical activity	1.0	
Initial critical fugacity	1.013	bar
Final critical fugacity	1.013	bar
Initial critical vapor pressure	0.003	bar
Final critical vapor pressure	0.003	bar
Initial critical saturation temperature	100	°C
Final critical saturation temperature	100	°C
Initial critical critical temperature	373.95	°C
Final critical critical temperature	373.95	°C
Initial critical critical pressure	218.1	bar
Final critical critical pressure	218.1	bar
Initial critical critical density	322	kg/m³
Final critical critical density	322	kg/m³
Initial critical critical viscosity	0.00023	Pa·s
Final critical critical viscosity	0.00023	Pa·s
Initial critical critical thermal conductivity	0.12	W/m·K
Final critical critical thermal conductivity	0.12	W/m·K
Initial critical critical specific heat capacity	1889	J/kg·K
Final critical critical specific heat capacity	1889	J/kg·K
Initial critical critical enthalpy	4182	J/kg
Final critical critical enthalpy	4182	J/kg
Initial critical critical entropy	1.306	J/kg·K
Final critical critical entropy	1.306	J/kg·K
Initial critical critical internal energy	4182	J/kg
Final critical critical internal energy	4182	J/kg
Initial critical critical Gibbs free energy	-16.75	kJ/mol
Final critical critical Gibbs free energy	-16.75	kJ/mol
Initial critical critical Helmholtz free energy	-16.75	kJ/mol
Final critical critical Helmholtz free energy	-16.75	kJ/mol
Initial critical critical chemical potential	-16.75	kJ/mol
Final critical critical chemical potential	-16.75	kJ/mol
Initial critical critical activity	1.0	
Final critical critical activity	1.0	
Initial critical critical fugacity	1.013	bar
Final critical critical fugacity	1.013	bar
Initial critical critical vapor pressure	0.003	bar
Final critical critical vapor pressure	0.003	bar
Initial critical critical saturation temperature	100	°C
Final critical critical saturation temperature	100	°C
Initial critical critical critical temperature	373.95	°C
Final critical critical critical temperature	373.95	°C
Initial critical critical critical pressure	218.1	bar
Final critical critical critical pressure	218.1	bar
Initial critical critical critical density	322	kg/m³
Final critical critical critical density	322	kg/m³
Initial critical critical critical viscosity	0.00023	Pa·s
Final critical critical critical viscosity	0.00023	Pa·s
Initial critical critical critical thermal conductivity	0.12	W/m·K
Final critical critical critical thermal conductivity	0.12	W/m·K
Initial critical critical critical specific heat capacity	1889	J/kg·K
Final critical critical critical specific heat capacity	1889	J/kg·K
Initial critical critical critical enthalpy	4182	J/kg
Final critical critical critical enthalpy	4182	

FIGURE 1

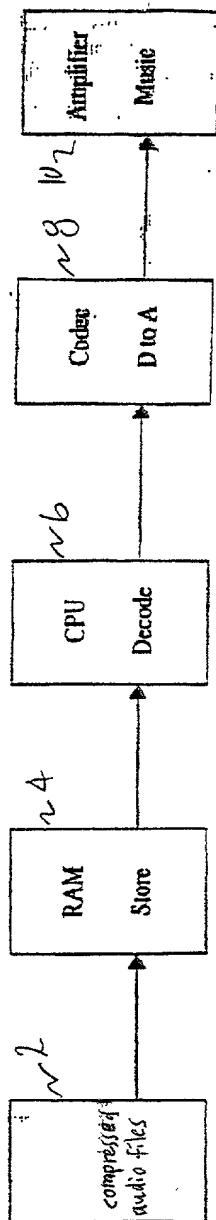


FIGURE 2

200 →

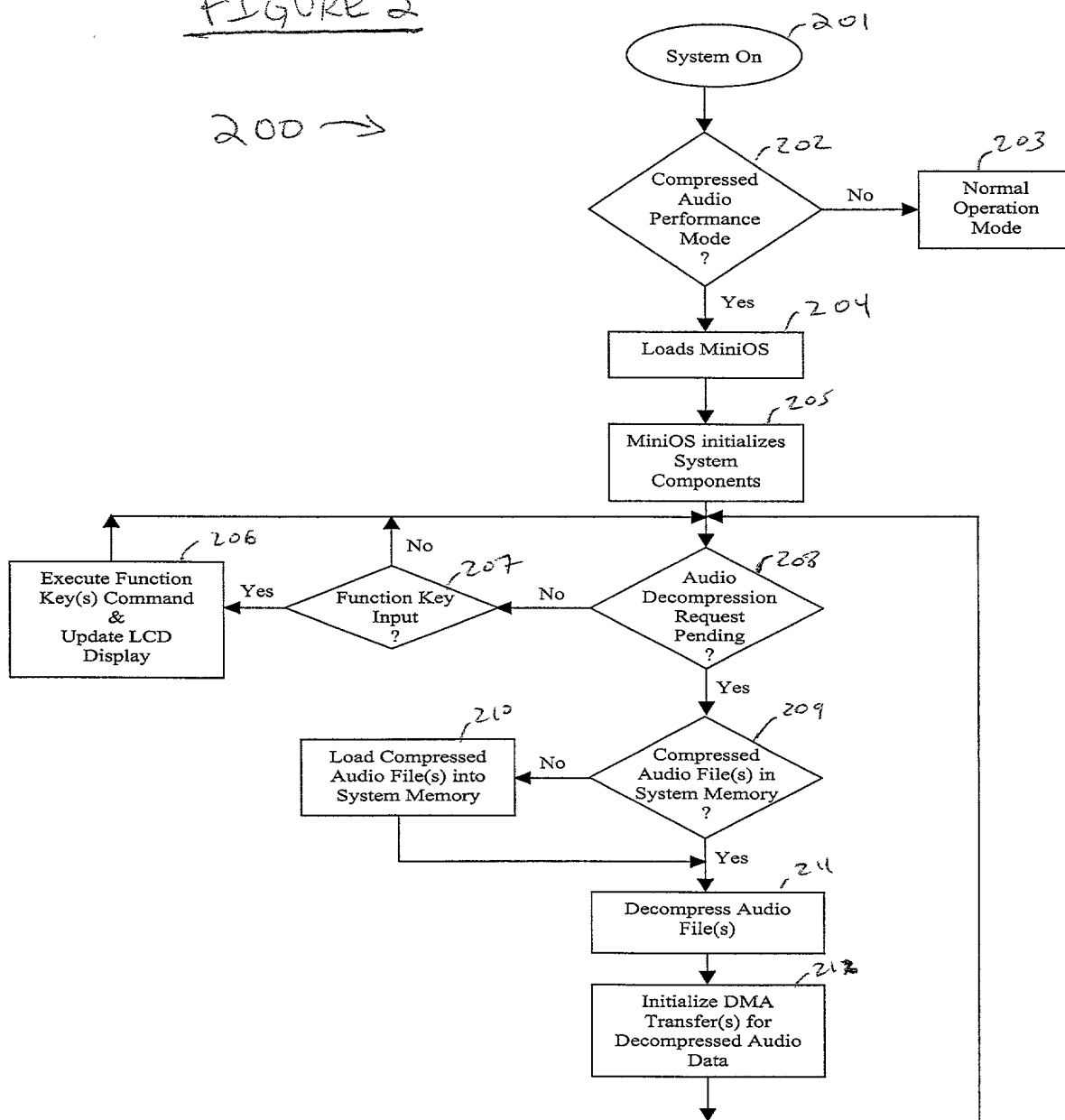
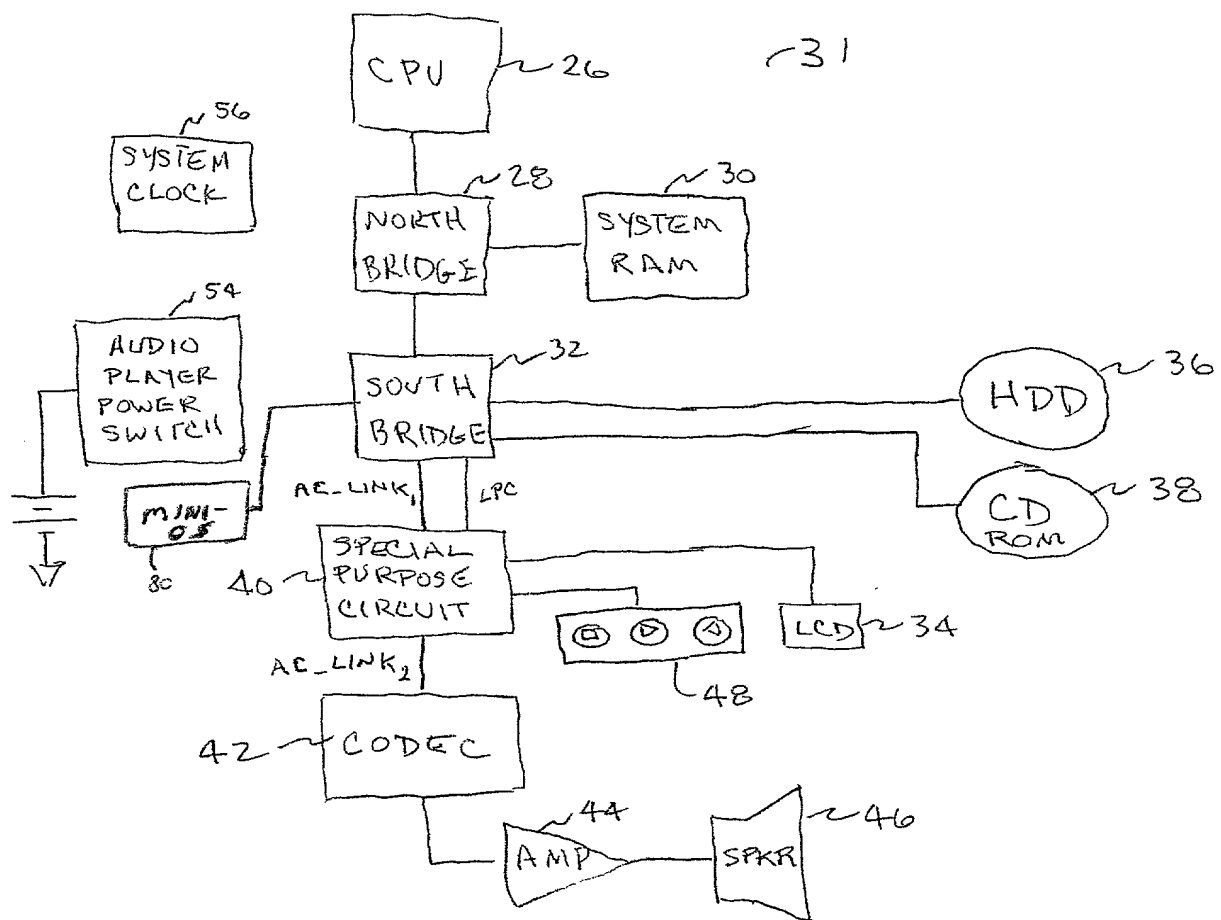


FIGURE 3



0492471 080201
T02080 272565

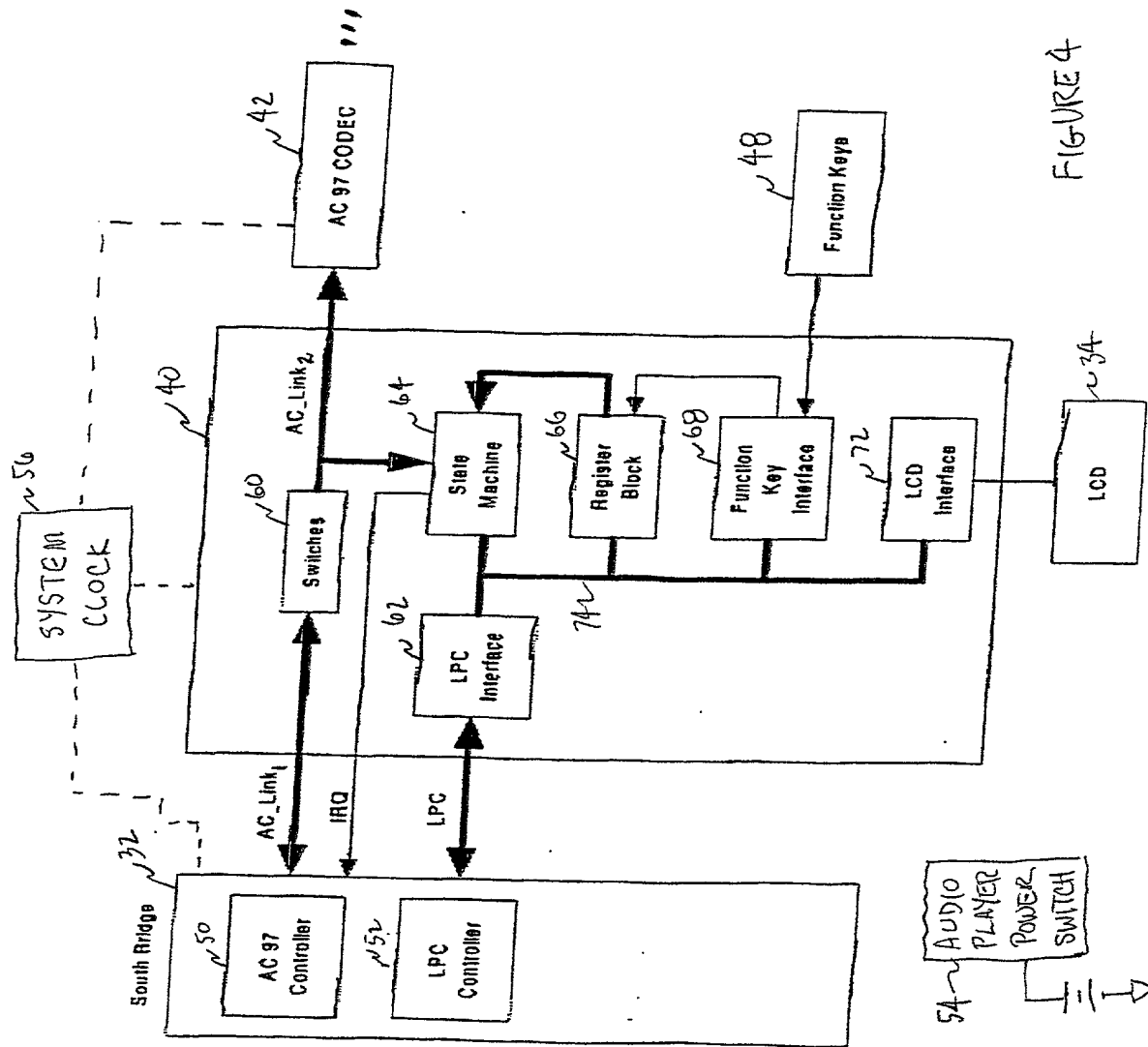


FIGURE 4